QUICK INSTALLATION GUIDE

HI-Gain Wireless-N USB Adapter

Windows Vista | Windows XP | Mac OS

START HERE ▶▷▶

HAWKING® TECHNOLOGY

Part No. HWUN3

Step 1: Check Package Contents

- One Hi-Gain Wireless-N USB Adapter with Cap
- One External Dipole Antenna
- CD (Drivers and User's Manual)
- QIG (Quick Installation Guide)

Step 2: Installation Instructions are divided into three sections: (Windows Vista, Windows XP, and Mac OS)

- For Windows **Vista**, go to page **2**
- For Windows **XP**, go to page **8**
- For **Mac OS**, go to page **13**

This document only contains quick setup instructions. For more settings, please refer to the User's Manual located on the CD.

Support is available via website, email, and telephone:

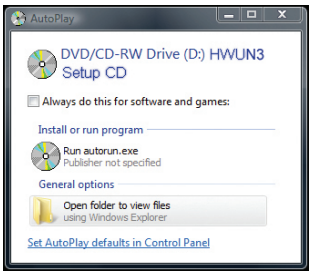
Website: www.hawkingtech.com/support
E-mail: support@hawkingtech.com
Tel (Toll Free US & Canada): 888-202-3344
Tel (International): 949-790-0810

Step 3: Instructions for Windows Vista

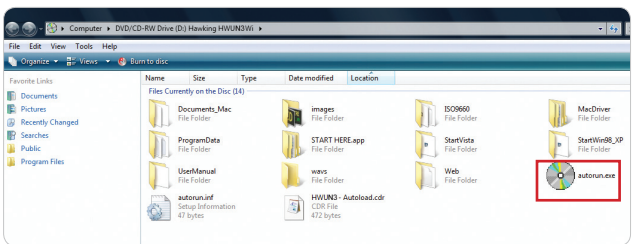
Important: Do not connect the Wireless-N USB Adapter into the USB port until you have installed the driver from the CD and are instructed to do so. Otherwise, the Adapter may not operate properly.

1. Driver & Utility Setup:

a. Insert the Setup CD. Select Open Folder to view files option.

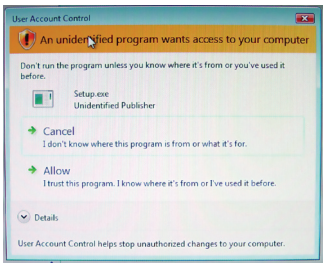


b. Select **autorun.exe**



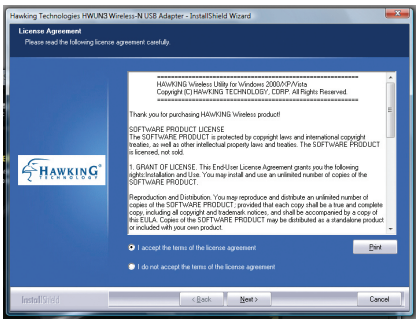
2. The Setup Wizard will load up. Select **Driver and Utility Setup (Windows Vista)**

3. **User Account Control:** Select **Allow** to continue. Then, wait for the InstallShield Wizard to guide you through the setup.

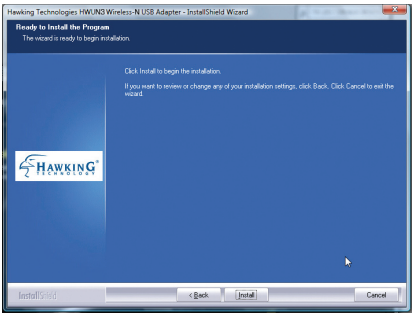

User Account Control
An unidentified program wants access to your computer
Don't run the program unless you know where it's from or you've used it before.
Setup.exe
Unidentified Publisher
Cancel
I don't know where this program is from or what it's for.
Allow
I trust this program. I know where it's from or I've used it before.
Details
User Account Control helps stop unauthorized changes to your computer.

InstallShield Wizard
Hawking Technologies HWUN3 Wireless-N USB Adapter Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
Cancel

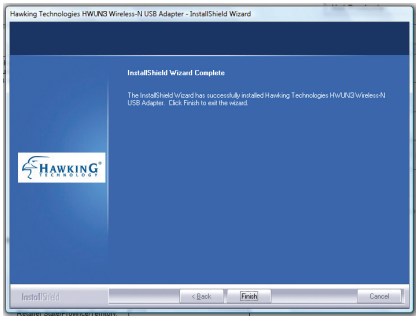
4. Read through the License Agreement. Select "**I accept the terms of the license agreement**" and "**Next**".


Hawking Technologies HWUN3 Wireless-N USB Adapter - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
HAWKING Wireless Utility for Windows 2000/XP/Vista
Copyright (C) HAWKING TECHNOLOGY, CORP. All Rights Reserved.
Thank you for purchasing HAWKING Wireless product!
SOFTWARE PRODUCT LICENSE
The SOFTWARE PRODUCT is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. The SOFTWARE PRODUCT is licensed, not sold.
1. GRANT OF LICENSE. This End-User License Agreement grants you the following rights:Installation and Use. You may install and use an unlimited number of copies of the SOFTWARE PRODUCT.
Reproduction and Distribution. You may reproduce and distribute an unlimited number of copies of the SOFTWARE PRODUCT; provided that each copy shall be a true and complete copy, including all copyright and trademark notices, and shall be accompanied by a copy of this EULA. Copies of the SOFTWARE PRODUCT may be distributed as a standalone product or included with your own product.
I accept the terms of the license agreement
I do not accept the terms of the license agreement
Print
InstallShield
< Back
Next >
Cancel

5. Now, you are ready to install the program. Select **Install**.

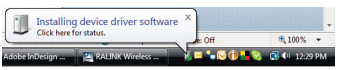

Hawking Technologies HWUN3 Wireless-N USB Adapter - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

6. Please wait until the Install Wizard completes. Then select **Finish** to exit the wizard.

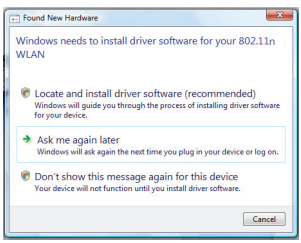

Hawking Technologies HWUN3 Wireless-N USB Adapter - InstallShield Wizard
InstallShield Wizard Complete
The InstallShield Wizard has successfully installed Hawking Technologies HWUN3 Wireless-N USB Adapter. Click Finish to exit the wizard.
HAWKING TECHNOLOGIES
InstallShield
< Back
Finish
Cancel

7. Now, **Plug-in** your HWUN3 Wireless-N Adapter **into an open USB port on your desktop or notebook**.

a. After plugging in the Adapter, Windows Vista will automatically search for new updates.



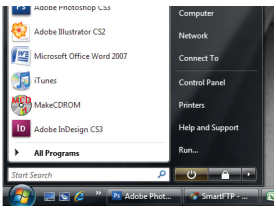
b. A Found New Hardware screen may pop up at this point. If so, select **Locate and Install Driver software (recommended).**


Found New Hardware
Windows needs to install driver software for your 802.11n WLAN
Locate and install driver software (recommended)
Windows will guide you through the process of installing driver software for your device.
Ask me again later
Windows will ask again the next time you plug in your device or log on.
Don't show this message again for this device
Your device will not function until you install driver software.
Cancel

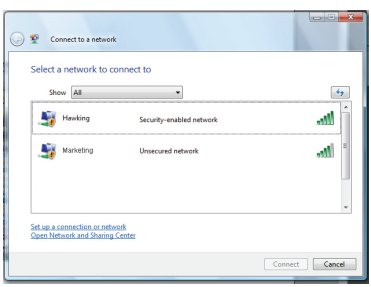
8. Connect to a Wireless Network:

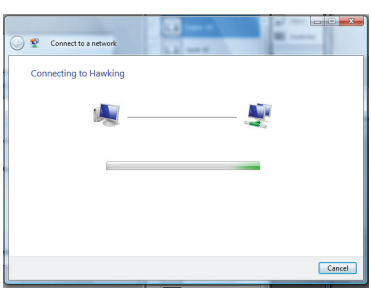
a. Double click on the bottom "network icon" or

b. Right click on the Start menu and select "Connect To".



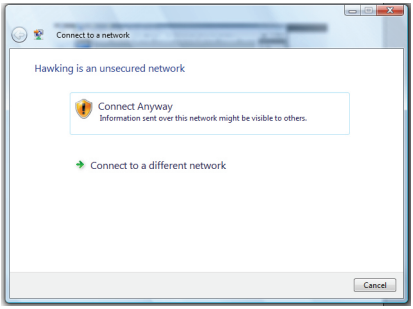
9. Select a Network and click **Connect**. Please wait until the adapter connects.



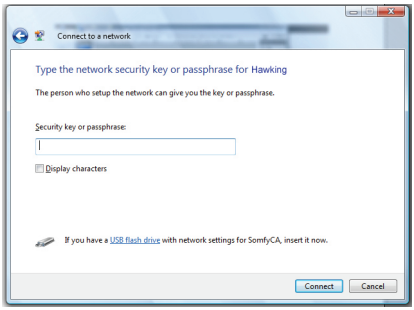


If you are connecting to an **unsecured network**, go to Step 10.
If you are connecting to a **Security-enabled Network**, go to Step 11.

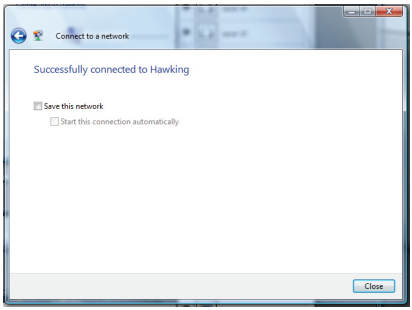
10. **Unsecured Network:** Select **Connect Anyway** to continue on with an unsecured network. Then, go to Step 12.


Connect to a network
Hawking is an unsecured network
Connect Anyway
Information sent over this network might be visible to others.
Connect to a different network
Cancel

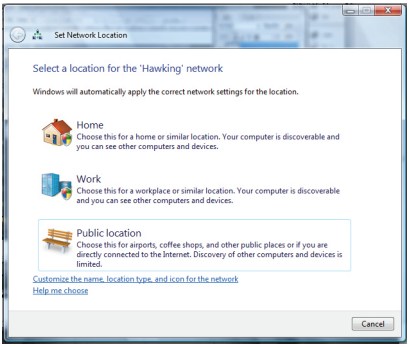
11. **Security-enabled Network:** Type in the network security key or passphrase. If you do not have the security key or passphrase, please obtain it from your network administrator.


Connect to a network
Type the network security key or passphrase for Hawking
The person who setup the network can give you the key or passphrase.
Security key or passphrase:
Display characters
If you have a USB flash drive with network settings for SomfyCA, insert it now.
Connect
Cancel

12. You are now connected to a wireless network. To start using your wireless network, select **Close**. To save this specific network for future access, select **Save this network**.

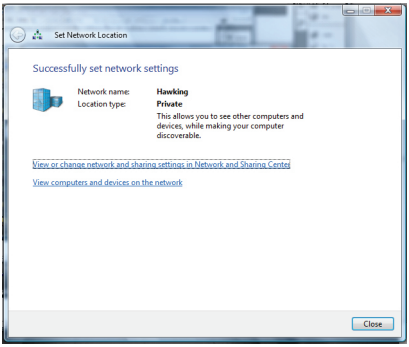


Save this network: Select a location or you may customize the name and location type, etc.


Set Network Location
Select a location for the 'Hawking' network
Windows will automatically apply the correct network settings for the location.
Home
Choose this for a home or similar location. Your computer is discoverable and you can see other computers and devices.
Work
Choose this for a workplace or similar location. Your computer is discoverable and you can see other computers and devices.
Public location
Choose this for airports, coffee shops, and other public places or if you are directly connected to the Internet. Discovery of other computers and devices is limited.
Customize the name, location type, and icon for the network
Help me choose
Cancel

Close the Set Network Location when you are done.

Congratulations! You have completed the Windows Vista Installation.

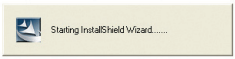

Set Network Location
Successfully set network settings
Network name: Hawking
Location type: Private
This allows you to see other computers and devices, while making your computer discoverable.
View or change network and sharing settings in Network and Sharing Center
View computers and devices on the network
Close

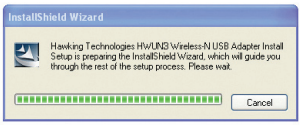
Step 3: Instructions for Windows XP

Important: Do not connect the Wireless-N USB Adapter into the USB port until you have installed the driver from the CD and are instructed to do so. Otherwise, the Adapter may not operate correctly.

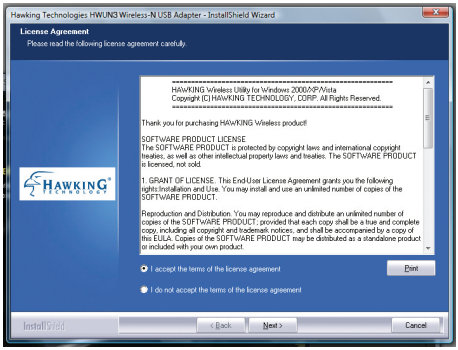
1. Driver & Utility Setup: Insert the Setup CD. The Setup Wizard will load up automatically, select **START HERE** (Windows 98SE, 2000, ME, XP)

InstallShield Wizard will initialize automatically

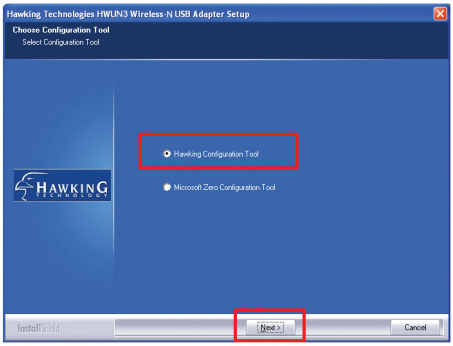



InstallShield Wizard
Hawking Technologies HWUN3 Wireless-N USB Adapter Install Setup is preparing the InstallShield Wizard, which will guide you through the rest of the setup process. Please wait.
Cancel

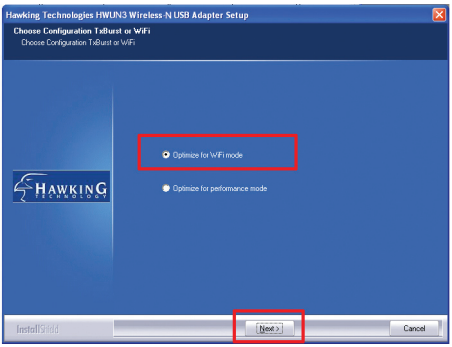
2. Setup will prompt you to accept the Licensing Agreement. Select Yes to continue.


Hawking Technologies HWUN3 Wireless-N USB Adapter - InstallShield Wizard
License Agreement
Please read the following license agreement carefully.
HAWKING Wireless Utility for Windows 2000/XP/Vista
Copyright (C) HAWKING TECHNOLOGY, CORP. All Rights Reserved.
Thank you for purchasing HAWKING Wireless product!
SOFTWARE PRODUCT LICENSE
The SOFTWARE PRODUCT is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. The SOFTWARE PRODUCT is licensed, not sold.
1. GRANT OF LICENSE. This End-User License Agreement grants you the following rights:Installation and Use. You may install and use an unlimited number of copies of the SOFTWARE PRODUCT.
Reproduction and Distribution. You may reproduce and distribute an unlimited number of copies of the SOFTWARE PRODUCT, provided that each copy shall be a true and complete copy, including all copyright and trademark notices, and shall be accompanied by a copy of this EULA. Copies of the SOFTWARE PRODUCT may be distributed as a standalone product or included with your own product.
I accept the terms of the license agreement
Print
I do not accept the terms of the license agreement
InstallShield
< Back
Next >
Cancel

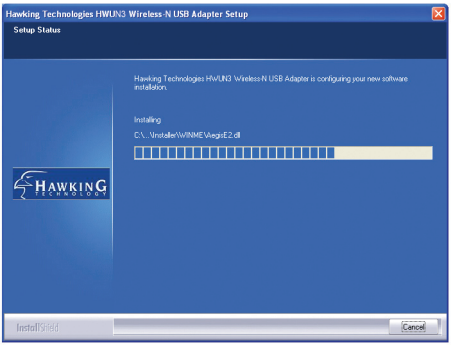
3. Select Hawking Configuration Tool" to continue with setup



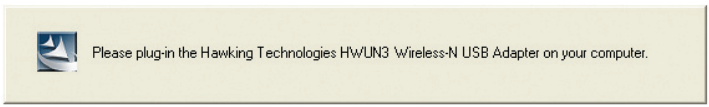
4. Select "Optimize for WiFi." Click "Next" to continue.



5. Please wait a moment, your system is installing the software.



6. Plug-in the HWUN3 Wireless-N Adaptor into a USB port and select finish when prompted.



Hawking Technologies HWUN3 Wireless-N USB Adapter Setup
Setup has finished installing
Hawking Technologies HWUN3 Wireless-N USB Adapter Setup is almost complete.
HAWKING
Click Finish to complete Hawking Technologies HWUN3 Wireless-N USB Adapter Setup.
InstallShield
Finish

Important: This Quick Installation Guide is intended for quick setup with available wireless networks. If you need to connect to a specific network that is not listed and need to manually set up the IP Address, please refer to the manual located on the CD.

7. Locate the Hawking icon in the system tray, right click on it and then choose **Hawking Wireless Utility.**

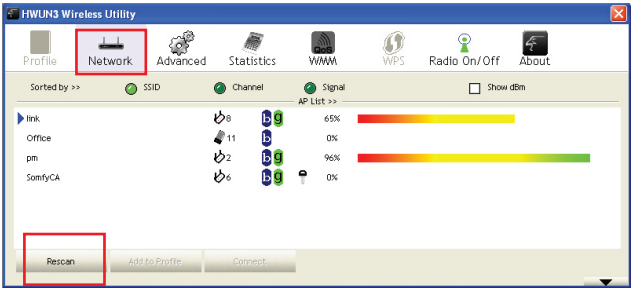
or

8. **Checking your Wireless Status:** The color on your icon in the system tray will help you determine your wireless network status.

Wireless Link is Excellent	There is no Wireless Link
Wireless Link is Average	Wireless Device is not available (may not be plugged-in correctly)
Wireless Link is Weak	

9. In the Hawking Wireless Utility, click on the **NETWORK** tab.

a. Click on **Rescan** to update the list of wireless networks in your area.
(If your wireless network is not listed, check your Wireless Router. Make sure your wireless network is set up correctly. If the problem persists, check with your Router manufacturer's technical support department.)
b. Select a network and double-click to Connect. *(If you are connecting to a network with encryption (TKIP, WPA, WEP, etc.) please got to Step10.*



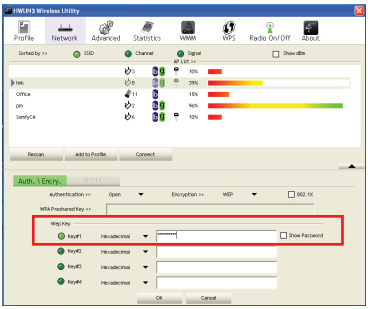
10. In the Authentication and Security window, please enter in your network's security information. If you don't have this information, please request it from your network administrator who set up your network.

WEP Encryption

a. Select 64-bit or 128-bit

b. Passpharse - this is case sensitive and contains no more than 16 alphanumeric characters. (Must be the same as your network).

c. 64-bit WEP key: exactly 10 hexadecimal characters and must be the same as your network. 128-bit WEP key: exactly 26 hexadecimal characters and must be the same as your network.



If your network is set to ASCII, go to the Authentication Type and select ASCII from the drop down menu.

WPA Encryption

a. Encryption Type: Select TKIP or AES

b. All Encryptions must match the selected network's encryption settings.

c. Pre-shared Key: Should be 8-63 characters and must match your network.

WPA2 Encryption

a. Enter Pre-shared Key (should be 8-63 characters and must match your network). After you are done entering the selected Network Encryption, click OK and proceed.

Congratulations! You have completed the Windows XP installation.

Step 3: Instructions for Mac

Important:

1) Do not connect the Wireless-N USB adapter to your computer until you have installed the driver from the CD and are instructed to do so. Otherwise, the adapter may not operate correctly.

2) Installation software requires you to restart your computer, be sure to save all your work before installation.

Note: The installation images may be different depending on your Mac OS version.

1. Insert Setup CD. When the folder opens up automatically, double click the icon titled "**START HERE**".

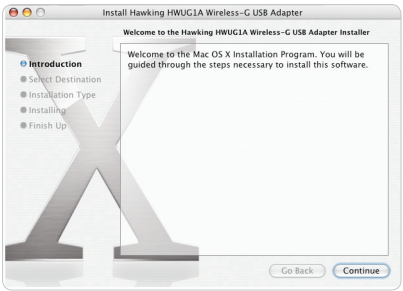
If this window does not open up automatically, go to your Desktop and click on the CD icon.

2. Next, select the appropriate Mac OS X to install.

Panther ~ Mac OS X10.3
Tiger ~ Mac OS X 10.4
Leopard ~ Mac OS X 10.5

If you are uncertain about which Mac OS you are operating on, click the APPLE icon in the upper left-hand corner of the finder's menu bar and select "About this Mac" and check your current Mac OS X version.

3. The Introduction Screen will welcome you to the HWUN3 Wireless-N Adapter Installer, select "**Continue.**"

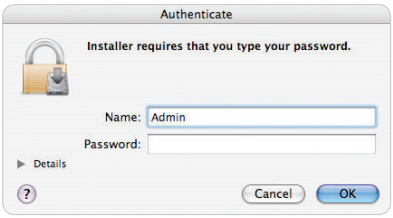

Install Hawking HWUG1A Wireless-G USB Adapter
Welcome to the Hawking HWUG1A Wireless-G USB Adapter Installer
Introduction
Select Destination
Installation Type
Installing
Finish Up
Welcome to the Mac OS X Installation Program. You will be guided through the steps necessary to install this software.
Go Back
Continue

4. Select a destination for the driver. Typically, the default destination is the Macintosh HD. Select "Continue"

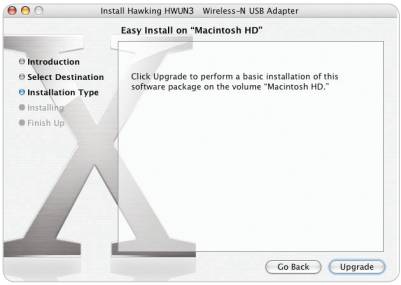
Install Hawking HWUN3 Wireless-N USB Adapter
Select a Destination
Introduction
Select Destination
Installation Type
Installing
Finish Up
Select a destination volume to install the Hawking HWUN3 Wireless-N USB Adapter software.
Macintosh HD
74.4GB (40.4GB Free)
Installing this software requires 0 bytes of additional space.
You have selected to install this software on the volume "Macintosh HD."
Go Back
Continue

If your computer is password protected*, enter the password and click OK. If it is not password protected, leave the password field blank and click OK to continue.

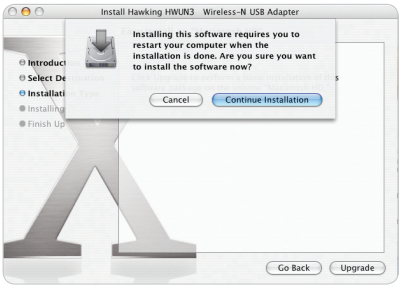
*If you do not have this information, please contact the owner/admin of this computer for Name and Password.



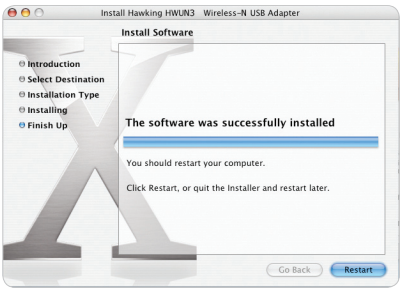
5. Select **Install** to continue. (Note: some may state Upgrade. Select Upgrade, if the Install option is not available.)



6. At this point, if you have not saved all your work, please do so. Then, select continue to Install.


Install Hawking HWUN3 Wireless-N USB Adapter
Installing this software requires you to restart your computer when the installation is done. Are you sure you want to install the software now?
Cancel
Continue Installation
Go Back
Upgrade

7. Please wait for the installation process to complete. Select Finish when it is done and your computer will reboot.



CONNECTING TO YOUR WIRELESS NETWORK

After your computer reboots, insert the HWUG1 Adapter into an available USB port

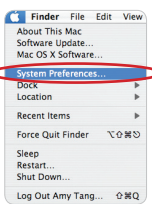
Note: To make sure the HWUN3 Adapter works properly, you must turn off any previously installed wireless card (including the built-in airport card.)

To turn the airport card off, locate the airport wireless icon at the top right hand corner and select “Turn Airport Off”

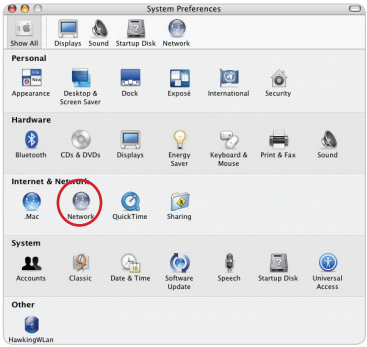
8. Set up your Wireless Network you desktop or laptop. This is required only if you are installing the HWUN3 for the first time.

8a. Click on the APPLE icon in the top left-hand corner and then select SYSTEM PREFERENCES.

a



8b. From the menu that appears, double click the NETWORK icon to begin enabling your Hawking wireless device before using the wireless utility.



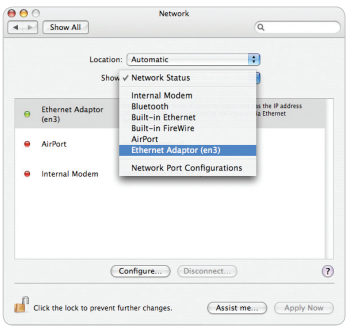
b

8c. Your computer should automatically detect the USB Wireless-N adapter by showing a pop-up window stating "New Port Detected". Be sure to note the port number i.e. Ethernet Adapter (en#). Click **OK** to continue.

New Port Detected
A new network port has been detected:
Ethernet Adaptor (en3)
Please verify that it is configured correctly, then press Apply Now to activate it.
OK

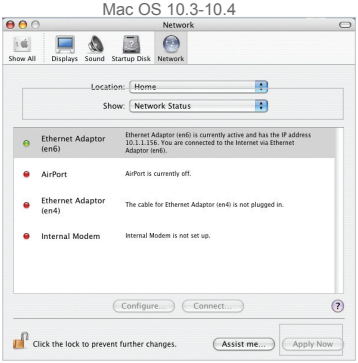
If the "New Port Detected" screen does not appear, you will need to direct your system to use the newly installed Wireless-N Adapter manually. Go to System Preferences, select Network. Click on the "Show" field , select Ethernet Adapter (en#). (Note: # can be any number - it does not have to be (en3) as shown in the picture.)

Double click on the Ethernet Adapter.

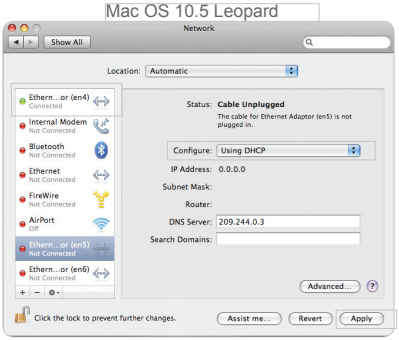


9. In the Network screen, click on the "Show" field, make sure the Ethernet Adapter (en#) is selected. "Using DHCP" should be selected in the Configure IPv4 field.

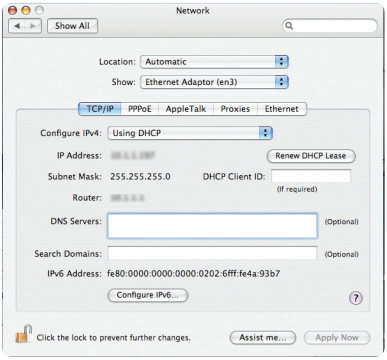
Mac OS 10.3-10.4



Mac OS 10.5 Leopard

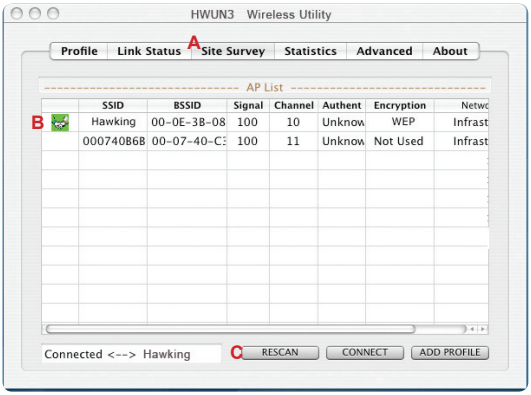


Finally, select "Apply Now" to confirm and close the window (if you cannot choose "Apply Now" simply close the page).



10. As a default setting, the Hawking Wireless Utility (WLAN) should automatically load on your Dock when you insert the Hawking Wireless-N Adapter.

Double Click on the icon to start the **HWUN3 Wireless Utility**. (If it does not appear, search for it in your Applications folder and double click)



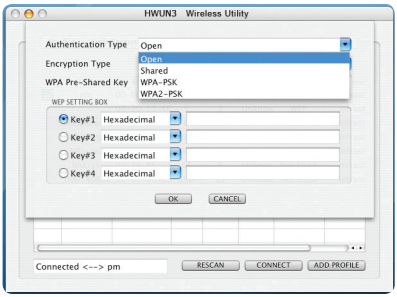
A The screen above shows the Site Survey tab from the HWUG1A Wireless Utility with detailed information about the associated wireless network.

B The handshake icon ( ) means your are connected to the network with the SSID next to the icon. (the example above shows the HWUG1A is connected to a network with the name Hawking.)
If you wish to connect to a different network, select the network you wish to connect to, either double click on it or click on the connect button.

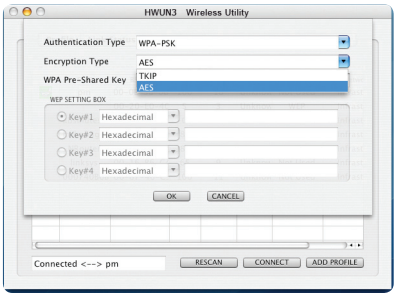
C The "Rescan" button will rescan for available networks. If your network does not appear, check to see if your network is set up correctly.

SECURITY

If your wireless network requires a security key you may enter it in the Encryption Settings tab. If you are unsure what your security key is, please contact your network administrator.



Be sure to enter the correct Authentication Type and Encryption Type. Depending on your network Encryption Type, you'll need to enter WPA Pre-shared Key or the Hexadecimal key.



Congratulations! You have completed the Mac OS installation.

Extend Your Wireless Range

The HWUN3 is designed with range extending feature. To extend your wireless range, simply replace the antenna with a higher decible antenna. Hawking carries a wide range of indoor and outdoor antennas. For more information, visit www.hawkingtech.com.

HWUN3- Wireless Adapter with a standard antenna

HWUN3- Wireless Adapter with a Hawking Hi-Gain 7dBi indoor antenna [Model#HAI7MD], sold separately.

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TECHNICAL SUPPORT
Email: support@hawkingtech.com
Website: www.hawkingtech.com/support
Tel (Toll Free US & Canada): 888-202-3344
Tel (International): 949-790-0810

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